

Summary of Modifications/Changes in this Update

This Summary of Changes is for information only.
It is not a part of the referenced document, and should not be used for project documentation.

U.S. Department of Veterans Affairs A Office of Construction & Facilities Management

DATE OF THIS VERSION:

December 1, 2023

TITLE OF DOCUMENT:

Revisions to Volume 2 – Water Boilers (Hot Water Generating Systems)

DATE OF VERSION BEING SUPERSEDED (old):

September 1, 2023

DESCRIPTION OF DOCUMENT (previous title, number, other identifying data):

Steam, Heating Hot Water, and Outside Distribution Systems Design Manual

SUMMARY OF CHANGES IN THIS VERSION:

1. Delete Engineering Standard ES-2018-001
2. Add VHA Directive 1810 2023-01-04

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DATE OF THIS VERSION:

September 1, 2023

TITLE OF DOCUMENT:

Revisions to Volume 2 – Water Boilers (Hot Water Generating Systems)

DATE OF VERSION BEING SUPERSEDED (old):

October 1, 2022

DESCRIPTION OF DOCUMENT (previous title, number, other identifying data):

Steam, Heating Hot Water, and Outside Distribution Systems Design Manual

SUMMARY OF CHANGES IN THIS VERSION:

1. Replaced OCAMES with HEFP.
2. Removed condensing boilers.
3. Replaced atmospheric-type with power-type burners.
4. Removed seasonal restarts.

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DATE OF THIS VERSION:

October 1, 2022

TITLE OF DOCUMENT:

Revisions to Volume 2 – Water Boilers (Hot Water Generating Systems)

DATE OF VERSION BEING SUPERSEDED (old):

August 1, 2022

DESCRIPTION OF DOCUMENT (previous title, number, other identifying data):

Steam, Heating Hot Water, and Outside Distribution Systems Design Manual

SUMMARY OF CHANGES IN THIS VERSION:

1. Added to paragraph 2.4.3.1 Life Cycle period, a new line iii) indicating Hot water/condensing boilers to have a useful life expectancy of 15 years. Existing line iii) becomes iv), and existing line iv) becomes line v).

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DATE OF THIS VERSION:

August 1, 2022

TITLE OF DOCUMENT:

Revisions to Volume 2 – Water Boilers (Hot Water Generating Systems)

DATE OF VERSION BEING SUPERSEDED (old):

August 1, 2021

DESCRIPTION OF DOCUMENT (previous title, number, other identifying data):

Steam, Heating Hot Water, and Outside Distribution Systems Design Manual

SUMMARY OF CHANGES IN THIS VERSION:

1. Added paragraph 1.1.5 Emergency Temporary Rental Boiler Connections.

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DATE OF THIS VERSION:

August 1, 2021

TITLE OF DOCUMENT:

Revisions to Volume 2 – Water Boilers (Hot Water Generating Systems)

DATE OF VERSION BEING SUPERSEDED (old):

June 1, 2021

DESCRIPTION OF DOCUMENT (previous title, number, other identifying data):

Steam, Heating Hot Water, and Outside Distribution Systems Design Manual

SUMMARY OF CHANGES IN THIS VERSION:

1. Removed section on Warranties.

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DATE OF THIS VERSION:

June 1, 2021

TITLE OF DOCUMENT:

Revisions to Volume 2 – Water Boilers (Hot Water Generating Systems)

DATE OF VERSION BEING SUPERSEDED (old):

September 1, 2016

DESCRIPTION OF DOCUMENT (previous title, number, other identifying data):

Steam, Heating Hot Water, and Outside Distribution Systems Design Manual

SUMMARY OF CHANGES IN THIS VERSION:

1. Changed OCAMES to new Title of Healthcare Environment & Facilities Programs (HEFP)
2. Combustion Air Opening calculations clarified.
3. Changed NFC to NFPA
4. Limit the directional changes of safety valve vent pipes to 90 degrees.
5. Water treatment arrangement for the chemical pumps and access
6. Additional Combustible gas detectors location if propane is the secondary fuel.
7. Remove natural gas compressors and piping for gas turbine co-gen.
8. Added a lift table for loading bags of salt into the brim tank.
9. Changed chemical feed pump arrangement doing away with the mixing tank.
10. Changed the firing mode from a 4 stage control to fully modulating with manual/auto control operations.